

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

B59

PUBLICATION NUMBER : 01086116  
PUBLICATION DATE : 30-03-89

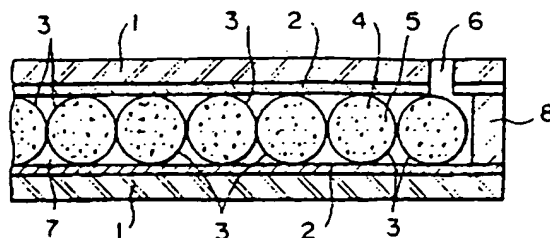
APPLICATION DATE : 29-09-87  
APPLICATION NUMBER : 62244679

APPLICANT : NIPPON MEKTRON LTD;

INVENTOR : MAITA NAOYUKI;

INT.CL. : G02F 1/19 G09F 9/00

TITLE : ELECTROPHORETIC DISPLAY DEVICE



ABSTRACT : PURPOSE: To facilitate the sealing treatment of a dispersion system and to assure a good electrophoretic display operation by adopting a technique to previously microcapsulate the dispersion system.

CONSTITUTION: The dispersion system 5 is previously microcapsulated and the microcapsules 3 are disposed between electrodes for display control. Since the compsn. of the microcapsulated dispersion system 5 are uniformly held and, therefore, the flocculation of the electrophoresis particles or the sticking thereof to electrodes is eliminated and the uniform and stable display operation is accomplished. The handling of the dispersion system 5 or the sealing treatment of the dispersion system 5 is greatly improved without adversely affect the dispersion system 5 at the time of assembly. The electrophoretic display device having good characteristics is thus obtd.

COPYRIGHT: (C) JPO